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SEQUENCE LISTING

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<120> EFFECT OF STEROIDS ON NMDA RECEPTORS DEPENDS ON SUBUNIT
COMPOSITION

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<160> 10

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<210> 1

<211> 101

<212> PRT

<213> Homo sapiens

<400> 1

Ile Leu Glu Ala Glu Leu Ala Val Glu Pro Lys Thr Glu Thr Tyr Val
1 5 10 15

Glu Ala Asn Met Gly Leu Asn Pro Ser Ser Pro Asn Asp Pro Val Thr
20 25 30

Asn Ile Cys Gln Ala Ala Asp Lys Gln Leu Phe Thr Leu Val Glu Trp
35 40 45

Ala Lys Arg Ile Pro His Phe Ser Glu Leu Pro Leu Asp Asp Gln Val
50 55 60

Ile Leu Leu Arg Ala Gly Trp Asn Glu Leu Leu Ile Ala Ser Phe Ser
65 70 75 80

His Arg Ser Ile Ala Val Lys Asp Gly Ile Leu Leu Ala Thr Gly Leu
85 90 95

His Val His Arg Asn
100

<210> 2
 <211> 93
 <212> PRT
 <213> Homo sapiens

<400> 2
 Leu Cys Gln Leu Gly Lys Tyr Thr Thr Asn Ser Ser Ala Asp His Arg
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 Val Gln Leu Asp Leu Gly Leu Trp Asp Lys Phe Ser Glu Leu Ala Thr
 20 25 30
 Lys Cys Ile Ile Lys Ile Val Glu Phe Ala Lys Arg Leu Pro Gly Phe
 35 40 45
 Thr Gly Leu Ser Ile Ala Asp Gln Ile Thr Leu Leu Lys Ala Ala Cys
 50 55 60
 Leu Asp Ile Leu Met Leu Arg Ile Cys Thr Arg Tyr Thr Pro Glu Gln
 65 70 75 80
 Asp Thr Met Thr Phe Ser Asp Gly Leu Thr Leu Asn Arg
 85 90

<210> 3
 <211> 98
 <212> PRT
 <213> Homo sapiens

<400> 3
 Ile Asn Leu Leu Met Ser Ile Glu Pro Asp Val Ile Tyr Ala Gly His
 1 5 10 15
 Asp Asn Thr Lys Pro Asp Thr Ser Ser Ser Leu Leu Thr Ser Leu Asn
 20 25 30
 Gln Leu Gly Glu Arg Gln Leu Leu Ser Val Val Lys Trp Ser Lys Ser
 35 40 45
 Leu Pro Gly Phe Arg Asn Leu His Ile Asp Asp Gln Ile Thr Leu Ile
 50 55 60
 Gln Tyr Ser Trp Met Ser Leu Met Val Phe Gly Leu Gly Trp Arg Ser
 65 70 75 80
 Tyr Lys His Val Ser Gly Gln Met Leu Tyr Phe Ala Pro Asp Leu Ile
 85 90 95
 Leu Asn

<210> 4
 <211> 98
 <212> PRT
 <213> Homo sapiens

<400> 4
 Val Ser Leu Leu Glu Val Ile Glu Pro Glu Val Leu Tyr Ala Gly Tyr
 1 5 10 15
 Asp Ser Ser Val Pro Asp Ser Thr Trp Arg Ile Met Thr Thr Leu Asn
 20 25 30
 Met Leu Gly Gly Arg Gln Val Ile Ala Ala Val Lys Trp Ala Lys Ala
 35 40 45
 Ile Pro Gly Phe Arg Asn Leu His Leu Asp Asp Gln Met Thr Leu Leu
 50 55 60
 Gln Tyr Ser Trp Met Phe Leu Met Ala Phe Ala Leu Gly Trp Arg Ser
 65 70 75 80
 Tyr Arg Gln Ser Ser Ala Asn Leu Leu Cys Phe Ala Pro Asp Leu Ile
 85 90 95
 Ile Asn

<210> 5
 <211> 97
 <212> PRT
 <213> Homo sapiens

<400> 5
 Ser Ala Leu Leu Asp Ala Glu Pro Pro Ile Leu Tyr Ser Glu Tyr Asp
 1 5 10 15
 Pro Thr Arg Pro Phe Ser Glu Ala Ser Met Met Gly Leu Leu Thr Asn
 20 25 30
 Leu Ala Asp Arg Glu Leu Val His Met Ile Asn Trp Ala Lys Arg Val
 35 40 45
 Pro Gly Phe Val Asp Leu Thr Leu His Asp Gln Val His Leu Leu Glu
 50 55 60
 Cys Ala Trp Leu Glu Ile Leu Met Ile Gly Leu Val Trp Arg Ser Met
 65 70 75 80
 Glu His Pro Gly Lys Leu Leu Phe Ala Pro Asn Leu Leu Leu Asp Arg
 85 90 95
 Asn

<210> 6
 <211> 111
 <212> PRT
 <213> Homo sapiens

<400> 6
 Ile Ile Leu Leu Val Ser Asp Asp His Glu Gly Arg Ala Ala Gln Lys
 1 5 10 15
 Arg Leu Glu Thr Leu Leu Glu Glu Arg Glu Ser Lys Ala Glu Lys Val
 20 25 30
 Leu Gln Phe Asp Pro Gly Thr Lys Asn Val Thr Ala Leu Leu Met Glu
 35 40 45
 Ala Arg Glu Leu Glu Ala Arg Val Ile Ile Leu Ser Ala Ser Glu Asp
 50 55 60
 Asp Ala Ala Thr Val Tyr Arg Ala Ala Ala Met Leu Asn Met Thr Gly
 65 70 75 80
 Ser Gly Tyr Val Trp Leu Val Gly Glu Arg Glu Ile Ser Gly Asn Ala
 85 90 95
 Leu Arg Tyr Ala Pro Asp Gly Ile Ile Gly Leu Gln Leu Ile Asn
 100 105 110

<210> 7
 <211> 104
 <212> PRT
 <213> Homo sapiens

<400> 7
 Val Thr Ile Gly Ser Gly Tyr Ile Phe Ala Ser Thr Gly Tyr Gly Ile
 1 5 10 15
 Ala Leu Gln Lys Gly Ser Pro Trp Lys Arg Gln Ile Asp Leu Ala Leu
 20 25 30
 Leu Gln Phe Val Gly Asp Gly Glu Met Glu Glu Leu Glu Thr Leu Trp
 35 40 45
 Leu Thr Gly Ile Cys His Asn Glu Lys Asn Glu Val Met Ser Ser Gln
 50 55 60
 Leu Asp Ile Asp Asn Met Ala Gly Val Phe Tyr Met Leu Ala Ala Ala
 65 70 75 80
 Met Ala Leu Ser Leu Ile Thr Phe Ile Trp Glu His Leu Phe Tyr Trp
 85 90 95

Lys Leu Arg Phe Cys Phe Thr Gly
100

<210> 8
<211> 104
<212> PRT
<213> Homo sapiens

<400> 8
Val Thr Ile Gly Ser Gly Lys Val Phe Ala Ser Thr Gly Tyr Gly Ile
1 5 10 15
Ala Ile Gln Lys Asp Ser Gly Trp Lys Arg Gln Val Asp Leu Ala Ile
20 25 30
Leu Gln Leu Phe Gly Asp Gly Glu Met Glu Glu Leu Glu Ala Leu Trp
35 40 45
Leu Thr Gly Ile Cys His Asn Glu Lys Asn Glu Val Met Ser Ser Gln
50 55 60
Leu Asp Ile Asp Asn Met Ala Gly Val Phe Tyr Met Leu Gly Ala Ala
65 70 75 80
Met Ala Leu Ser Leu Ile Thr Phe Ile Cys Glu His Leu Phe Tyr Trp
85 90 95
Gln Phe Arg His Cys Phe Met Gly
100

<210> 9
<211> 104
<212> PRT
<213> Homo sapiens

<400> 9
Val Thr Ile Gly Ser Gly Lys Val Phe Ala Thr Thr Gly Tyr Gly Ile
1 5 10 15
Ala Met Gln Lys Asp Ser His Trp Lys Arg Ala Ile Asp Leu Ala Leu
20 25 30
Leu Gln Leu Leu Gly Asp Gly Glu Thr Gln Lys Leu Glu Thr Val Trp
35 40 45
Leu Ser Gly Ile Cys Gln Asn Glu Lys Asn Glu Val Met Ser Ser Lys
50 55 60
Leu Asp Ile Asp Asn Met Ala Gly Val Phe Tyr Met Leu Leu Val Ala
65 70 75 80

Met Gly Leu Ala Leu Leu Val Phe Ala Trp Glu His Leu Val Tyr Trp
 85 90 95

Lys Leu Arg His Ser Val Pro Asn
 100

<210> 10
 <211> 104
 <212> PRT
 <213> Homo sapiens

<400> 10
 Val Thr Ile Gly Ser Gly Lys Val Phe Ala Thr Thr Gly Tyr Gly Ile
 1 5 10 15

Ala Leu His Lys Gly Ser Arg Trp Lys Arg Pro Ile Asp Leu Ala Leu
 20 25 30

Leu Gln Phe Leu Gly Asp Asp Glu Ile Glu Met Leu Glu Arg Leu Trp
 35 40 45

Leu Ser Gly Ile Cys His Asn Asp Lys Ile Glu Val Met Ser Ser Lys
 50 55 60

Leu Asp Ile Asp Asn Met Ala Gly Val Phe Tyr Met Leu Leu Val Ala
 65 70 75 80

Met Gly Leu Ser Leu Leu Val Phe Ala Trp Glu His Leu Val Tyr Trp
 85 90 95

Arg Leu Arg His Cys Leu Gly Pro
 100